

Title (en)

Level control system for continuous or semicontinuous metal casting equipment.

Title (de)

Niveauregelungssystem für Metalstranggiessanlage oder halbkontinuierliche Giessanlage.

Title (fr)

Système de commande de niveau pour installation de coulée continue ou semi-continue de métal.

Publication

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Application

EP 95200558 A 19950307

Priority

NO 941000 A 19940318

Abstract (en)

Level control system for controlling the metal level in continuous or semicontinuous casting equipment, for instance casting equipment for production of roll ingots or billets of aluminium. The casting equipment comprises a casting mould (3) with a upturned open filling hole (4) for melted metal and a supply gutter (7) or the like, with an outlet arranged above the filling hole, for transfer of the melted metal from a holde oven or the like. The metal level is arranged to be controlled by a PLC-unit (9) on the basis of a radar sensor (8) which is registering the level of the metal mirror, as the metal supply is controlled by a actuator driven (12) closing arrangement (13) on the basis of signals from the PLC-unit (9).

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IPC 8 full level

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CPC (source: EP US)

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EP 0672486 A2 19950920; **EP 0672486 A3 19970129**; **EP 0672486 B1 19990915**; AT E184522 T1 19991015; AU 1360695 A 19950928; AU 698880 B2 19981112; CA 2144830 A1 19950919; DE 69512110 D1 19991021; DE 69512110 T2 20000615; IS 1660 B 19970704; IS 4272 A 19950919; NO 178919 B 19960325; NO 178919 C 19960703; NO 941000 D0 19940318; NO 941000 L 19950919; RU 2122920 C1 19981210; RU 95103730 A 19970310; US 5526870 A 19960618

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